

## EAST Search History

| Ref # | Hits     | Search Query   | DBs                                | Default Operator | Plurals | Time Stamp       |
|-------|----------|--|------------------------------------|------------------|---------|------------------|
| L1    | 32835364 | (@ad<"20031203" or @pd<"20031203" or @prad<"20031203" or @rlad<"20031203")   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2008/07/04 09:12 |
| L2    | 2539     | ((hand near off) or handoff or hand-off or (hand adj over) same (speed or velocity)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2008/07/04 09:14 |
| L3    | 1074     | ((counter or timer) same (event\$1 or incidence) same trigger\$3 same (value\$1 or threshold) same (speed or velocity or data or (signal adj strength))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2008/07/04 09:19 |
| L4    | 3290     | ((hand near off) or handoff or hand-off or (hand adj over) or roam\$3) same (speed or velocity)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2008/07/04 09:21 |
| L5    | 13       | 3 and 4  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2008/07/04 09:21 |
| L6    | 10       | 1 and 5  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2008/07/04 09:21 |
| L7    | 661      | (counter same event\$1 same trigger\$3 same value\$1 same (speed or data or (signal adj strength)))  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2008/07/04 09:35 |
| L8    | 517      | 7 and 1  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2008/07/04 09:35 |
| L9    | 25       | ("370"/\$.ccls. or "455"/\$.ccls.) and 8   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2008/07/04 09:36 |
| L10   | 3813     | (455/436,441).ccls.  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2008/07/04 10:38 |
| L11   | 3640     | (455/436).ccls.  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2008/07/04 10:38 |
| L12   | 238      | (455/441).ccls.  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2008/07/04 10:39 |
| L13   | 0        | 7 and 10   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2008/07/04 10:39 |
| L14   | 3051     | 1 and 10   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2008/07/04 10:40 |

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| L15 | 258 | 14 and counter\$1  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>10:41 |
| L16 | 233 | 15 and value\$1  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>10:41 |
| L17 | 225 | 16 and (speed or data or<br>(signal adj strength) or rate<br>\$1)            | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>10:43 |
| L18 | 93  | 17 and event\$1  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>10:43 |
| L19 | 37  | 18 and (speed or data or<br>(signal adj strength) or rate<br>\$1).ab.        | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>10:45 |
| L20 | 17  | 19 and ((hand near off) or<br>handoff or hand-off or (hand<br>adj over)).ab. | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>10:51 |
| L21 | 1   | 20 and (roam\$3).ab.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>10:51 |
| L22 | 0   | 20 and (counter\$1 and value<br>\$1).ab.                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>11:03 |
| L23 | 17  | 20 and (counter\$1 and value<br>\$1)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>11:03 |
| L24 | 5   | 20 and (counter\$1 same value<br>\$1)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>11:03 |
| L25 | 0   | 24 and (value\$1 same speed)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>11:31 |
| L26 | 5   | 23 and (counter\$1 same value<br>\$1)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>11:31 |
| L27 | 0   | 23 and (value\$1 same speed)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>11:34 |
| L28 | 27  | 17 and (value\$1 same speed)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>11:34 |
| L29 | 1   | 18 and (value\$1 same speed)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>11:35 |
| L30 | 0   | 18 and (value\$1 same speed<br>same (increas\$3 or decres\$3<br>or var5))    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>11:39 |
| L31 | 8   | 17 and (value\$1 same speed<br>same (increas\$3 or decres\$3<br>or var5))    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>11:39 |

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| L32 | 8  | ("20050043026"<br>"20040147264"<br>"20040246976"<br>"20050030893").PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>11:46 |
| L33 | 1  | 32 and (coverage near area<br>\$1)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>11:46 |
| L34 | 38 | 17 and ((roam\$3 or handoff<br>or (hand near off)) same<br>(coverage near area\$1))   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>11:49 |
| L35 | 29 | 17 and ((roam\$3 or handoff<br>or (hand near off)) with<br>(coverage near area\$1))   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>11:49 |
| L36 | 0  | 17 and ((roam\$3 or handoff<br>or (hand near off)) with (end<br>or perimeter\$1) with<br>(coverage near area\$1))   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>11:50 |
| L37 | 8  | 17 and ((roam\$3 or handoff<br>or (hand near off)) same (end<br>or perimeter\$1) same<br>(coverage near area\$1))   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>11:50 |
| L38 | 0  | 17 and ((roam\$3 or handoff<br>or (hand near off)) same (end<br>or perimeter\$1) same<br>(coverage near area\$1) same<br>(FA OR (foreign near agent<br>\$1))) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>11:52 |
| L39 | 0  | 17 and ((roam\$3 or handoff<br>or (hand near off)) same (end<br>or perimeter\$1) same<br>(coverage near area\$1))and<br>(FA OR (foreign near agent<br>\$1)))  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>11:53 |
| L40 | 8  | 17 and ((roam\$3 or handoff<br>or (hand near off)) same (end<br>or perimeter\$1) same<br>(coverage near area\$1))   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>11:55 |
| L41 | 1  | 19 and (value\$1 same speed)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>12:00 |
| L42 | 27 | 17 and (value\$1 same speed)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>12:00 |
| L43 | 60 | 17 and (value\$1 same speed<br>profile\$1)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>12:00 |
| L44 | 0  | 17 and (value\$1 same speed<br>same profile\$1)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>12:01 |
| L45 | 5  | 14 and (value\$1 same speed<br>same profile\$1)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/04<br>12:01 |

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| L46 | 2   | 17 and (rate\$1 same (handoff or (hand near off) or handover or (hand-over) or roam\$3) same speed same increas\$3)                   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 12:08 |
| L47 | 29  | 14 and (rate\$1 same (handoff or (hand near off) or handover or (hand-over) or roam\$3) same speed same increas\$3)                   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 12:13 |
| L48 | 0   | 14 and ((trigger with value\$1 with decreas\$3) same (speed with increas\$3))   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 12:20 |
| L49 | 0   | 14 and ((trigger\$3 with value \$1 with decreas\$3) same (speed with increas\$3))   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 12:20 |
| L50 | 0   | 14 and (trigger\$3 same value \$1 same decreas\$3 same speed same increas\$3)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 12:21 |
| L51 | 502 | (trigger\$3 same value\$1 same decreas\$3 same speed same increas\$3)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 12:21 |
| L52 | 3   | 455"/\$.cls. and (trigger\$3 same value\$1 same decreas \$3 same speed same increas \$3)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 12:22 |
| L53 | 20  | 14 and (value\$1 same decreas \$3 same speed same increas \$3)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 12:23 |
| L54 | 7   | 53 and (value\$1 near decreas \$3)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 12:26 |
| L55 | 297 | 14 and (trigger\$3 and ((rate \$1 with shift\$3) or (beacon\$1 with miss\$3) or (signal near strength) or (retry\$3 with count\$1)))  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 12:37 |
| L56 | 116 | 14 and (trigger\$3 same ((rate \$1 with shift\$3) or (beacon\$1 with miss\$3) or (signal near strength) or (retry\$3 with count\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 12:38 |
| L57 | 7   | 17 and (trigger\$3 same ((rate \$1 with shift\$3) or (beacon\$1 with miss\$3) or (signal near strength) or (retry\$3 with count\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 12:38 |
| L58 | 2   | 14 and (multiply\$3 and factor \$1 and trigger\$3 and value\$1 and speed)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 12:50 |
| L59 | 25  | 14 and (multiply\$3 and factor \$1 and value\$1 and speed)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 13:12 |

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| L60 | 0    | 14 and (multiply\$3 same factor\$1 same value\$1 same speed)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 13:33 |
| L61 | 1160 | (multiply\$3 same factor\$1 same value\$1 same speed)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 13:33 |
| L62 | 0    | 11 and 61  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 13:35 |
| L63 | 12   | ("370"/\$.ccls. or "455"/\$.ccls.") and 61   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 13:36 |
| L64 | 11   | 61 and (trigger same multiply \$3 same factor\$1 same value \$1 same speed)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 13:37 |
| L65 | 4    | 14 and (multiply\$3 same value \$1 same speed)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 13:42 |
| L66 | 0    | 65 and decreas\$3  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 13:51 |
| L67 | 1    | 14 and (multiply\$3 same decreas\$3 same speed)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 13:52 |
| L68 | 106  | 61 and (multiply\$3 same decreas\$3 same speed)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 13:54 |
| L69 | 17   | 61 and (multiply\$3 same (decreas\$3 or lower) same (speed near increas\$3))   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 13:57 |
| L70 | 0    | 14 and (multiply\$3 same (decreas\$3 or lower\$3) same (speed near increas\$3))  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 13:59 |
| L71 | 8    | ("370"/\$.ccls. or "455"/\$.ccls.") and (multiply\$3 same (decreas\$3 or lower\$3) same (speed near increas\$3))               | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:00 |
| L72 | 3    | ("370"/\$.ccls. or "455"/\$.ccls.") and (multiply\$3 same (decreas\$3 or lower\$3) same value\$1 same (speed near increas\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:04 |
| L73 | 80   | (multiply\$3 same (decreas\$3 or lower\$3) same value\$1 same (speed near increas\$3))   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:07 |
| L74 | 122  | (multiply\$3 same (decreas\$3 or lower\$3 or reduc\$3) same value\$1 same (speed near increas\$3))                             | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:09 |
| L75 | 36   | 61 and (multiply\$3 same (decreas\$3 or lower\$3 or reduc\$3) same value\$1 same (speed near increas\$3))                      | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:09 |

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| L76 | 0   | 14 and (multiply\$3 same (decreas\$3 or lower\$3 or reduc\$3) same value\$1 same (speed near increas\$3))   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:10 |
| L77 | 1   | "455"/\$.ccls. and (multiply\$3 same (decreas\$3 or lower\$3 or reduc\$3) same value\$1 same (speed near increas\$3))   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:10 |
| L78 | 1   | "455"/\$.ccls. and (multiply\$3 same (decreas\$3 or lower\$3 or reduc\$3 or chang\$3 or fluctuat\$3) same value\$1 same (speed near (increas\$3 or chang\$3 or fluctuat\$3)))   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:14 |
| L79 | 0   | "455"/441.ccls. and (multiply \$3 same (decreas\$3 or lower\$3 or reduc\$3 or chang\$3 or fluctuat\$3) same value\$1 same (speed near (increas\$3 or chang\$3 or fluctuat\$3))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:16 |
| L80 | 28  | "455"/\$.ccls. and (multiply\$3 same (decreas\$3 or lower\$3 or reduc\$3 or chang\$3 or fluctuat\$3) same value\$1 same speed)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:17 |
| L81 | 202 | 14 and (value\$1 same speed)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:19 |
| L82 | 13  | 14 and (value\$1 same (speed near increas\$3))  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:20 |
| L83 | 0   | "455"/441.ccls. and (multiply \$3 same value\$1 same (speed near (increas\$3 or chang\$3 or fluctuat\$3)))  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:35 |
| L84 | 474 | (multiply\$3 same value\$1 same (speed near (increas\$3 or chang\$3 or fluctuat\$3)))   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:36 |
| L85 | 0   | "455"/441.ccls. and 84  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:37 |
| L86 | 0   | "455"/441.ccls. and L84   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:37 |
| L87 | 1   | "455"/\$.ccls. and L84  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:37 |
| L88 | 7   | ("370"/\$.ccls. or "455"/".\$ccls.") and 84   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:38 |
| L89 | 1   | 14 and (multiply\$3 near factor \$1)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:42 |

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| L90  | 0   | 65 and (multiply\$3 near factor\$1)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:44 |
| L91  | 1   | 14 and (multiply\$3 near factor\$1)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:44 |
| L92  | 204 | 61 and (multiply\$3 near factor\$1)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:45 |
| L93  | 0   | 10 and 92  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:46 |
| L94  | 4   | "455"/\$.cols. and 92  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:47 |
| L95  | 4   | 94 and speed   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:49 |
| L96  | 84  | 92 and ((determin\$4 or ascertain\$3) same (multiply\$3 near factor\$1))                                     | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:53 |
| L97  | 69  | 92 and ((determin\$4 or ascertain\$3) same (multiply\$3 near factor\$1) same speed)                          | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:53 |
| L98  | 0   | 92 and ((determin\$4 or ascertain\$3) same (multiply\$3 near factor\$1) same speed same mobile)              | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:54 |
| L99  | 3   | 92 and ((determin\$4 or ascertain\$3) same (multiply\$3 near factor\$1) same speed) and mobile               | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 14:54 |
| L100 | 4   | 92 and ((determin\$4 or ascertain\$3) same (multiply\$3 near factor\$1) same speed) and (mobile or wireless) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/04 15:08 |

7/4/08 3:11:25 PM

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